Substitute for form 1449/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

| Sheet | 1 | of | 2 |

Complete if Known	
Application Number	10/681,051
Filing Date	10/07/2003
First Named Inventor	Gibson et al.
Art Unit	~~2153~~ 2109
Examiner Name	~~Unknown~~ La Juania Mouzon
Attorney Docket Number	AOL0108

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number Number-Kind Code[2] *(if known)*	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
LNM		US- 6,108,703	8/22/00	Leighton et al.	
		US-			
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document Country Code[3] Number[4] Kind Code[5] *(if known)*	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T[6]

Examiner Signature	/LaJuania Mouzon/	Date Considered	03/05/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. [1] Applicant's unique citation designation number (optional). [2] See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. [3] Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). [4] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [5] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. [6] Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449/PTO	Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT *(Use as many sheets as necessary)*	Application Number	10/681,051
	Filing Date	10/7/2003
	First Named Inventor	Gibson, et al.
	Art Unit	~~2153~~ 2109
	Examiner Name	~~Unknown~~ La Juania Mouzon
Sheet 2 of 2	Attorney Docket Number	AOL0108

OTHER PRIOR ART–NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T^2
LNM	A	Akami White Paper: "Internet Bottlenecks: the Case for Edge Delivery Services", 2000, www.akami.com	
LNM	B	Akami White Paper: "Internet Infrastructure Services: An Essential Component for Business Success on the Internet", April 2001, www. akami.com	
LNM	C	Akami White Paper: "Enabling E-Business Through Distributed Infrastructure" 2002, www.akami.com	
LNM	D	Akami White Paper: "A Developer's Guide to On-Demand Distributed Computing, Best Practices for Design and Deployment of High-Performance J2EE Applications', 2004, www.akami.com	
	E	~~Akami: "How it Works", 2004, www.akami.com~~	
LNM	F	Akami: "Global Traffic Management", 2004, www.akami.com	
LNM	G	Akami White Paper: "An Executive Guide to On Demand Distributed Computing with WebSphere: How Pay Per Use Computing Can Transform I.T. Economics", 2004, www.akami.com	

Examiner. Signature	/LaJuania Mouzon/	Date Considered	03/06/2007

F rm 1449 (Modifi d)	Atty. Docket No. AOL0108	Serial No.: ~~Unassigned~~
Information Discl sur Stat ment By Applicant	Applicant: Gibson, et al.	10/681,051
(Use Several Sheets if Necessary)	Filing Date: 10/07/2003 ~~Herewith~~	Group: 2109 ~~Unassigned~~

U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date Issued	Patentee	Class	Sub-class	Filing Date
LNM	A	5,774,660	6/30/1998	Brendel, et al.	395	200.31	8/05/1996
	B	6,003,030	12/14/1999	Kenner, et al.	707	10	10/18/1996
	C	6,108,703	8/22/2000	Leighton, et al.	709	223	5/19/1999
	D	6,112,239	8/29/2000	Kenner, et al.	709	224	6/18/1997
	E	6,154,744	11/28/2000	Kenner, et al.	707	10	12/17/1998
	F	6,182,139	1/30/2001	Brendel	709	223	6/23/1998
	G	6,185,598	2/6/2001	Farber, et al.	709	200	2/10/1998
	H	6,502,125	12/31/2002	Kenner, et al.	709	203	8/9/2000
	I	6,026,379	2/15/2000	Haller, at al.	705	34	6/17/1996
	J	6,055,561	4/25/2000	Feldman, et al.	709	200	9/30/1997
	K	6,161,139	12/12/2000	Win, et al.	709	225	2/12/1999
	L	6,167,441	12/26/2000	Himmel	709	217	11/21/1997
	M	6,173,316	1/9/2001	De Boor, et al.	709	218	4/8/1998
	N	6,182,142	1/30/2001	Win, et al.	709	229	7/10/1998
	O	6,314,423	11/6/2001	Himmel, et al.	707	10	7/16/1998
	P	6,324,566	11/27/2001	Himmel, et al.	709	203	7/16/1998
	Q	6,332,163	12/18/2001	Bowman-Amuah	709	231	9/1/1999
	R	6,363,421	3/26/2002	Barker, et al.	709	223	5/31/1998
	S	6,370,571	4/9/2002	Medin, Jr., et al.	709	218	3/5/1997
	T	6,408,336	6/18/2002	Schneider, et al.	709	229	3/4/1998
	U	6,438,594	8/20/2002	Bowman-Amuah	709	225	8/31/1999
	V	6,470,381	10/22/2002	De Boor, et al.	709	217	7/16/2001
	W	6,515,968	2/4/2003	Combar, et al.	370	252	9/24/1998
	X	6,516,337	2/4/2003	Tripp, et al.	709	202	10/14/1999

Foreign Patent or Published Foreign Patent Application

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation Yes	No
LNM	Y	1143337	10.10.2001	EPO	G06F	9/50	X	
LNM	Z	1176840	30.01.2002	EPO	H04Q	7/22	X	
LNM	a	921661	09.06.1999	EPO	H04L	12/56	X	

Other Documents

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
LNM	b	A. Chankhunthod; P. Danzig; C. Neerdaels; M. Schwartz; K. Worrell; A Hierarchical Internet Object Cache; Technical Report CU-CS-766-95; March 1995

LNM		c	J. Gwertzman; <u>Autonomous Replication in Wide-Area Internetworks</u>; Center for Research in Computing Technology Harvard University; April 1995.
		d	J. Gwertzman; M. Seltzer<u>; The Case for Geographical Push-Caching</u>; Division of Applied Sciences Harvard University.
		e	N. Williams; P. Osmon; <u>The Wide Area Data Space</u>; Systems Architecture Research Centre City University.
		f	M. Sinnwell; G. Weikum; <u>A Cost-Model-Based Online Method for Distributed Caching</u>; Department of Computer Science, University of the Saarland.
		g	A. Baggio; <u>System Support for Transparency and Network-aware Adaptation in Mobile Environments</u>; Projet SOR INRIA.
		h	A. Chankhunthod; P. Danzig; C. Neerdaels; M. Schwartz; K. Worrell; <u>A Hierarchical Internet Object Cache</u>; Computer Science Department, University of Southern California.
		i	E. Kawai; K. Osuga; K. Chinen; S. Yamaguchi; <u>Duplicated Hash Routing: A Robust Algorithm for a Distributed WWW Cache System</u>; Graduate School of Information Science, Nara Institute of Science and Technology.
		j	K. Karlapalem; Q. Li; C. Shum; <u>HODFA: An Architectural Framework for Homogenizing Heterogeneous Legacy Databases</u>; Department of Computer Science, Hong Kong University of Science and Technology; 1994.
		k	G. Goldzmidt; A. Stanford-Clark; <u>Load Distribution for Scalable Web Services: Summer Olympics 1996 – A Case Study</u>; IBM Watson Research Center.
		l	M. Rabinovich, J. Chase; Syam Gadde<u>; Not all Hits Are Created Equal: Cooperative Proxy Caching Over a Wide-Area Network</u>; AT&T Labs; Department of Computer Science, Duke University.
		m	Taylor, D.E.; Lockwood, J.W.; Sproull, T.S.; Turner, J.S.; Parlour; Scalable IP lookup for programmable routers; D.B. Proceedings IEEE INFOCOM 2002 Conference on Computer Communications. Twenty-First Annual Joint Conference of the IEEE Computer and Communications Societies (Cat. No.37364) Part vol.2 p. 562-71 vol.2, June 23-27, 2002.
		n	Pao, D.; Liu, C.; Wu, A.; Yeung, L.; Chan, K.S.; Efficient hardware architecture for fast IP address lookup; Proceedings IEEE INFOCOM 2002 Conference on Computer Communications, Twenty-First Annual Joint Conference of the IEEE Computer and Communications Societies (Cat. No.37364) Part vol.2 p. 555-61 vol.2; June 23-27, 2002.
		o	Byung-Yeob Kim; Yoon-Hwa Cho; A high-speed IP routing lookup scheme with fast updates; 5th IEEE International Conference on High Speed Networks and Multimedia Communication (Cat. No.02EX612) p. 167-71; 3-5 July 2002.
		p	Takei, J.; Izumiyama, H.; A study of resource assign method on the Internet service with a unidirectional link; Transactions of the Institute of Electronics, Information and Communication Engineers B vol.J85-B, no.8 p.1199-206; August 2002.
		q	Ericsson, M.; Resende, M.G.C.; Pardalos, P.M.; A genetic algorithm for the weight setting problem in OSPF routing; Journal of Combinatorial Optimization, vol.6, no.3 p. 299-333; 2002.
		r	Yilmaz, P.A.; Belenkiy, A.; Uzun, N.; Gogate, N.; Toy, M.; A trie-based algorithm for IP lookup problem; Globecom '00 - IEEE. Global Telecommunications Conference, Conference Record (Cat. No.00CH37137) Part vol.1 p. 593-8 vol.1; 27 Nov.-1 Dec. 2000.
		s	Ahn, S.J.; Suda, T.; A partition shortcut scheme for IP/ATM integration; IEEE ATM Workshop '99 Proceedings (Cat. No. 99TH8462) p. 219-24; 1999.

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.